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**Department of Energy**

Richland Operations Office

P.O. Box 550

Richland, Washington 99352

APR 15 1996

Mr. Steve M. Alexander  
Perimeter Areas Section Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
1315 W. 4th Avenue  
Kennewick, Washington 99336

Mr. Douglas R. Sherwood  
Hanford Project Manager  
U.S. Environmental Protection Agency  
712 Swift Boulevard, Suite 5  
Richland, Washington 99352

Dear Messrs. Alexander and Sherwood:

TRANSMITTAL OF THE DATA VALIDATION SUMMARY REPORT FOR THE 100-FR-3 OPERABLE  
UNIT ROUND 8 GROUNDWATER, BHI-00557, REV. 0

Attached is the subject document for your information. This report includes a summary of the validation with text describing the validation process and discussion of the results. Summary tables are included that present the analytical results for each sample. Also, attached is a map of the 100-FR-3 Operable Unit showing well locations.

A minimum of 10 percent of the samples were validated from the eighth round groundwater samples as specified in the work plan. The data are validated by a review of laboratory performance and implementation procedures.

Section 3.0, General Chemistry Data Validation Summary, indicates that the percentage of usable laboratory determinations do not meet the program requirement of 90 percent. The unusable determinations were analyzed for nitrate, nitrite, and phosphate (U.S. Environmental Protection Agency Method 300.0) for informational purposes only and are not to be considered when evaluating the program requirement of 90 percent. Samples analyzed by this method have a 48-hour holding time which was exceeded. One hundred percent of all the other analyses (such as chromium) were usable.

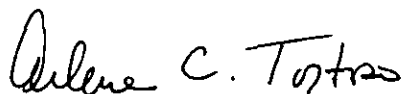
Messrs. Alexander and Sherwood

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APR 15 1996

If you have any questions please contact me at 373-9631.

Sincerely,



Arlene C. Tortoso, Project Manager  
Groundwater Projects

GWP:ACT

Attachments

cc w/attach:

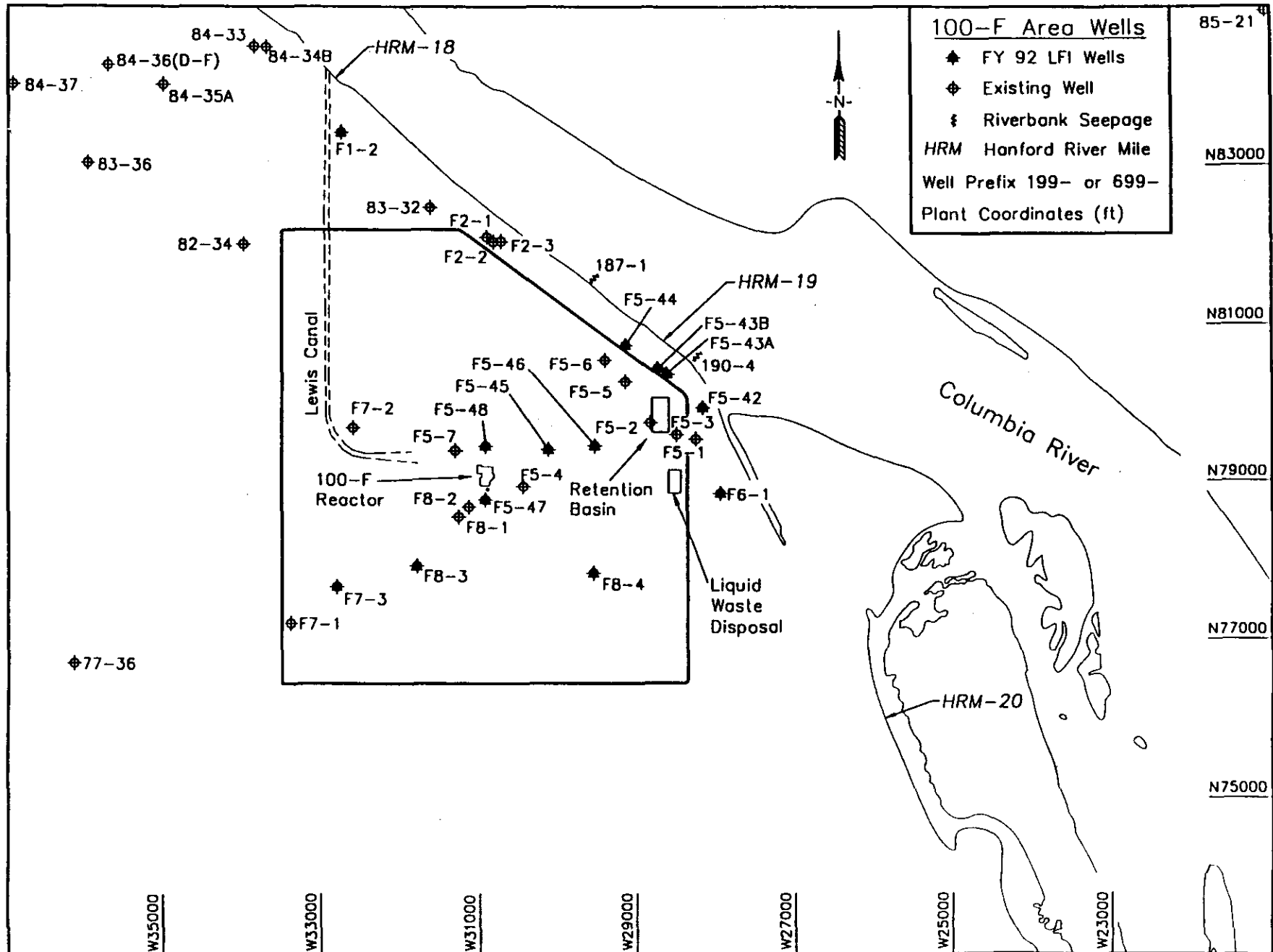
P. S. Innis, EPA

K. K. Holliday, Ecology

cc w/o attach:

R. L. Biggerstaff, BHI

G. C. Henckel, BHI



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